

Recent Monographs of Bell System Technical Papers Not Published in This Journal*

ABRAHAM, R. P. and KIRKPATRICK, R. J.

Transistor Characterization at VHF, Monograph 3007.

ANDERSON, P. W., see Shulman, R. G.

BALLHAUSEN, C. J., see Liehr, A. D.

BARNEY, H. L., see Dunn, H. K.

BASHKOW, T. R.

"Curve-Plotting" Routine for Inverse Laplace Transform of Rational Functions, Monograph 3009.

BENEDICT, T. S. and DURAND, J. L.

Dielectric Properties of BaTiO_3 Crystals at Microwave Frequencies, Monograph 3061.

BENN, D. R., see Silverman, S. J.

BOGERT, B. P.

Demonstration of Delay Distortion Correction by Time-Reversal Techniques, Monograph 3006.

BRADY, G. W.

Structure of Sodium Metaphosphate Glass, Monograph 3011.

BRADY, G. W. and KRAUSE, J. T.

Structure in Ionic Solutions, Monograph 3012.

* Copies of these monographs may be obtained on request to the Publication Department, Bell Telephone Laboratories, Inc., 463 West Street, New York 14, N. Y. The numbers of the monographs should be given in all requests.

BURRUS, C. A.

Stark Effect from 1.1 to 2.6 Millimeters Wavelength PH_3 , PD_3 , DI , and CO , Monograph 3010.

BURRUS, C. A.

Millimicrosecond Pulses in the Millimeter Wave Region, Monograph 3013.

BURRUS, C. A. and GRAYBEAL, J. D.

Stark Effect at 2.0 and 1.2 Millimeters Wavelength: Nitric Oxide, Monograph 3014.

CAGLE, W. B. AND CHEN, W. H.

Designing Low-Level High-Speed Semiconductor Logic Circuits, Monograph 3062.

CHEN, W. H., see Cagle, W. B.

CHYNOWETH, A. G.

Pyromagnetic Effect: A Method for Determining Curie Points, Monograph 3016.

CHYNOWETH, A. G.

Ionization Rates for Electrons and Holes in Silicon, Monograph 3015.

CLOGSTON, A. M.

Inhomogeneous Broadening of Magnetic Resonance Lines, Monograph 3017.

COMPTON, K. G.

Electrical Measurements in Underground Cable Corrosion Problems, Monograph 3063.

COOK, J. S., LOUISELL, W. H. and YOCOM, W. H.

Stability of an Electron Beam on a Slalom Orbit, Monograph 3018.

DEARBORN, E. F., see Nielsen, J. W.

DE COSTE, J. B., HOWARD, J. B. and WALLDER, V. T.

Weathering of Polyvinyl Chloride—Effect of Composition, Monograph 3064.

DILLON, J. F., JR.

Optical Properties of Several Ferrimagnetic Garnets, Monograph 3019.

DUNN, H. K. and BARNEY, H. L.

Artificial Speech in Phonetics and Communications, Monograph 3020.

DURAND, J. L., see Benedict, T. S.

EASLEY, J. W.

Transistor Characteristics for Direct-Coupled Transistor Logic Circuits, Monograph 3065.

EISINGER, J. and FEHER, G.

Hfs Anomaly of Sb^{121} and Sb^{123} Determined by the Electron Nuclear Double Resonance, Monograph 3021.

FEHER, G., see Eisinger, J.

FRISCH, H. L., see Yeh, Si Jung

GESCHWIND, S.

Determination of Atomic Masses from Microwave Spectra, Monograph 3023.

GIGUERE, W. J.

A Transistorized 150-mc FM Receiver, Monograph 3024.

GILBERT, E. N.

An Outline of Information Theory, Monograph 3025.

GRAYBEAL, J. D., see Burrus, C. A.

GUPTA, S. S. and SOBEL, M.

On Selecting a Subset Containing All Populations Better Than a Standard, Monograph 3026.

GUPTA, S. S. and SOBEL, M.

On a Statistic which Arises in Selection and Ranking Problems, Monograph 3028.

HARRIS, J. R.

Direct-Coupled Transistor Logic Circuitry, Monograph 3066.

HERRMANN, G. F.

Optical Theory of Thermal Velocity Effects in Cylindrical Electron Beams, Monograph 3029.

HOWARD, J. B., see De Coste, J. B.

HROSTOWSKI, H. J., see Shulman, R. G.

HUGHES, H. E., WILEY, J. H. and ZUK, P.

Diffused Silicon Diodes—Design, Characteristics, and Aging Data, Monograph 3060.

HUMPHREY, F. B.

Transverse Flux Change in Soft Ferromagnetics, Monograph 3030.

JANSSEN, W. F. and RIGTERINK, M. D.

Microstructure of Ceramics for Communication Equipment, Monograph 3031.

KIRKPATRICK, R. J., see Abraham, R. P.

KISLIUK, P.

Sticking Probabilities of Gases Chemisorbed on the Surfaces of Solids, Monograph 3067.

KRAUSE, J. T., see Brady, G. W.

LEGG, V. E.

Survey of Square-Loop Magnetic Materials, Monograph 3032.

LIEHR, A. D. and BALLHAUSEN, C. J.

Inherent Instability of Octahedral Inorganic Complexes in E_g Electronic States, Monograph 3068.

LOUISELL, W. H., see Cook, J. S.

LOUISELL, W. H. and QUATE, C. F.

Parametric Amplification of Space-Charge Waves, Monograph 3069.

MACKINTOSH, I. M.

Electrical Characteristics of Silicon P-N-P-N Triodes, Monograph 3070.

MANDELL, E. R., see Slichter, W. P.

Mc AFEE, K. B., JR.

Stress-Enhanced Diffusion in Glass, Monograph 3033.

Mc SKIMIN, H. J.

Elastic Moduli of Single Crystal Germanium as Function of Hydrostatic Pressure, Monograph 3034.

MEISSNER, C. R.

High-Vacuum Laboratory for Vapor Deposition of Conductors and Dielectrics, Monograph 2983.

MICHEL, W. S.

Statistical Encoding for Text and Picture Communication, Monograph 3035.

MIRANKER, W. L.

Parametric Theory of $\Delta u + k^2 u = 0$, Monograph 3071.

MONTROLL, E. W. and WARD, J. C.

Quantum Statistics of an Electron Gas, Monograph 3036.

MORRISON, J. A.

Heat Loss of Circular Electric Waves in Helix Waveguides, Monograph 3072.

NIELSEN, J. W. and DEARBORN, E. F.

Growth of Single Crystals of Magnetic Garnets, Monograph 3073.

NOZIERES, P.

Cyclotron Resonance in Graphite, Monograph 3038.

PEARSON, G. L.

Conversion of Solar to Electrical Energy, Monograph 3039.

QUATE, C. F., see Louisell, W. H.

RIORDAN, J.

Combinatorial Significance of a Theorem of Polya, Monograph 3040.

RIGTERINK, N. D., see Janssen, W. F.

ROWE, H. E.

Some General Properties of Nonlinear Elements. II. Small Signal Theory, Monograph 3074.

SHANNON, C. E.

Certain Results in Coding Theory for Noisy Channels, Monograph 2982.

SHULMAN, R. G., WYLUDA, B. J., ANDERSON, P. W. and HROSTOWSKI, H. J.

Nuclear Magnetic Resonance in Semiconductors, Monograph 3075.

SILVERMAN, S. J. and BENN, D. R.

Junction Delineation in Silicon by Gold Chemiplating, Monograph 3041.

SLICHTER, W. P. and MANDELL, E. R.

Molecular Structure and Motion in Irradiated Polyethylene, Monograph 3076.

SOBEL, M., see Gupta, S. S.

SUHL, H.

Origin and Use of Instabilities in Ferromagnetic Resonance, Monograph 3042.

SUHL, H., see Tien, P. K.

TIEN, P. K. and SUHL, H.

A Traveling-Wave Ferromagnetic Amplifier, Monograph 3043.

TUKEY, J. W.

Teaching of Concrete Mathematics, Monograph 3044.

WAITE, T. R.

General Theory of Bimolecular Reaction Rates in Solids and Liquids, Monograph 3045.

WALLDER, V. T., see De Coste, J. B.

WARD, J. C., see Montroll, E. W.

WERNICK, J. H.

Crystal Orientation, Temperature, and Zone Thickness in Zone-Melting, Monograph 2981.

WERTHEIM, G. K.

Transient Recombination of Excess Carriers in Semiconductors, Monograph 3046.

WESTOVER, R. F.

The Thirty Years of Plastics Impact Testing, Monograph 3047.

WILEY, J. H., see Hughes, H. E.

WYLUDA, B. J., see Shulman, R. G.

YEH, SI JUNG and FRISCH, H. L.

Chromatographic Adsorption of Polystyrene, Monograph 3048.

YOCOM, W. H., see Cook, J. S.

ZUK, P., see Hughes, H. E.